

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Travis McIntosh Examiner #: 79380 Date: 7/28/03
 Art Unit: 1623 Phone Number 308-9479 Serial Number: 10/038,760
 Mail Box and Bldg/Room Location: 8B19 8D10 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

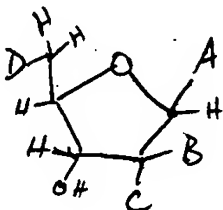
Title of Invention: _____

Inventors (please provide full names): SEE ATTACHED BIB SHEET

Earliest Priority Filing Date: 1/4/2001

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Please Search:



where A = a nitrogen linked heterocyclic group

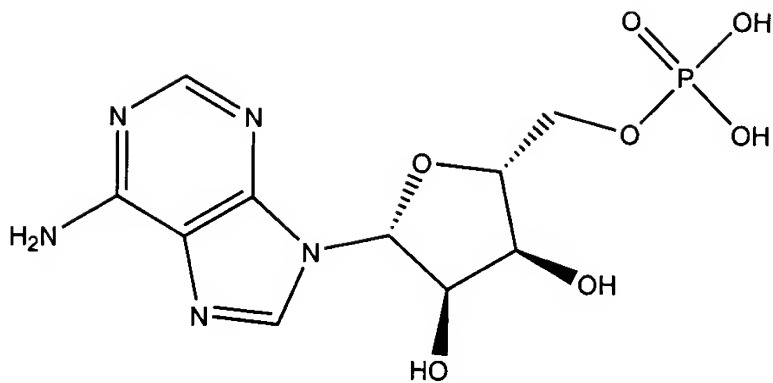
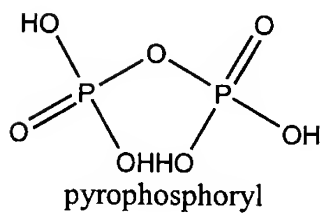
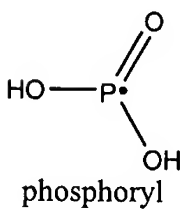
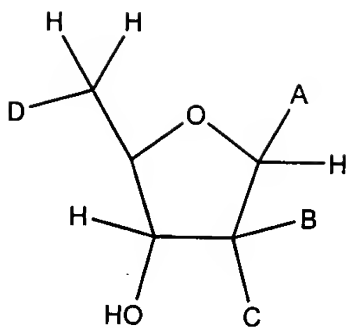
B + C are independently: H, halogen, amino, or thiol group

D = ~~OH~~ -OH, H, or -O-, N-, C-, or S-linked phosphate, phosphoryl, or ~~phosphorus~~ pyrophosphoryl group

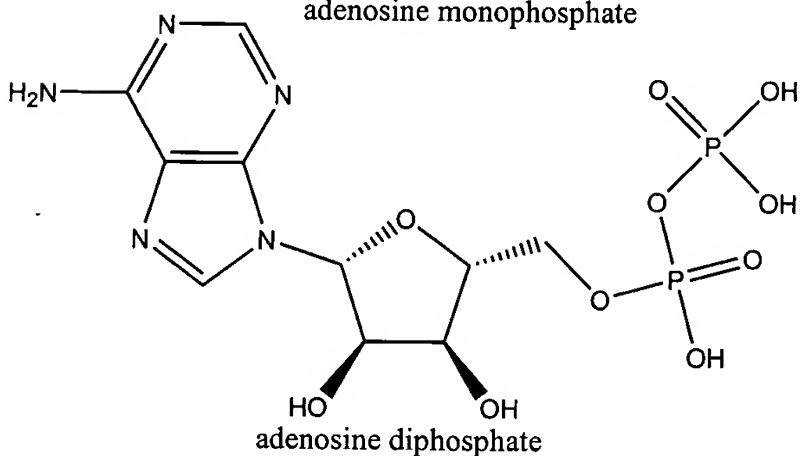
Key Claim #1 & 5

Also: please search I) β -1'-nicotinamide-2'-deoxyribose,
 II) β -D-1'-nicotinamide-2'-deoxyribofuranoside,
 III) β -1'-pyridyl-2'-deoxyribose, and
 IV) 5'-phospho-1'-pyridyl-deoxyribose

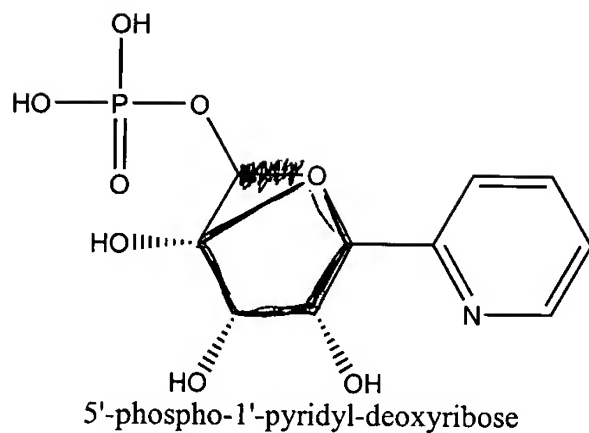
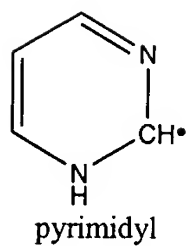
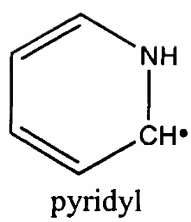
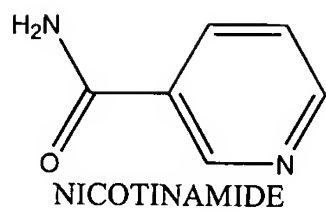
Thanks,
 Travis



adenosine monophosphate



adenosine diphosphate



=> file registry
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 15:14:45 ON 25 JUL 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 23 JUL 2003 HIGHEST RN 553610-78-9
DICTIONARY FILE UPDATES: 23 JUL 2003 HIGHEST RN 553610-78-9

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

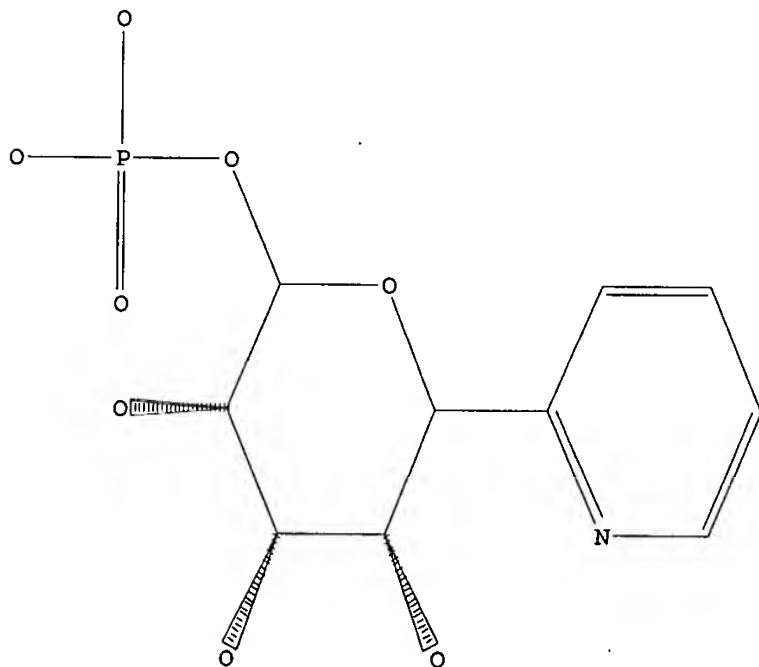
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>
Uploading 10038760.str

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 exact sam

SAMPLE SEARCH INITIATED 15:15:54 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 0 TO 0

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA EXA SAM L1

=> s l1 exact full

FULL SEARCH INITIATED 15:16:08 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1 TO ITERATE

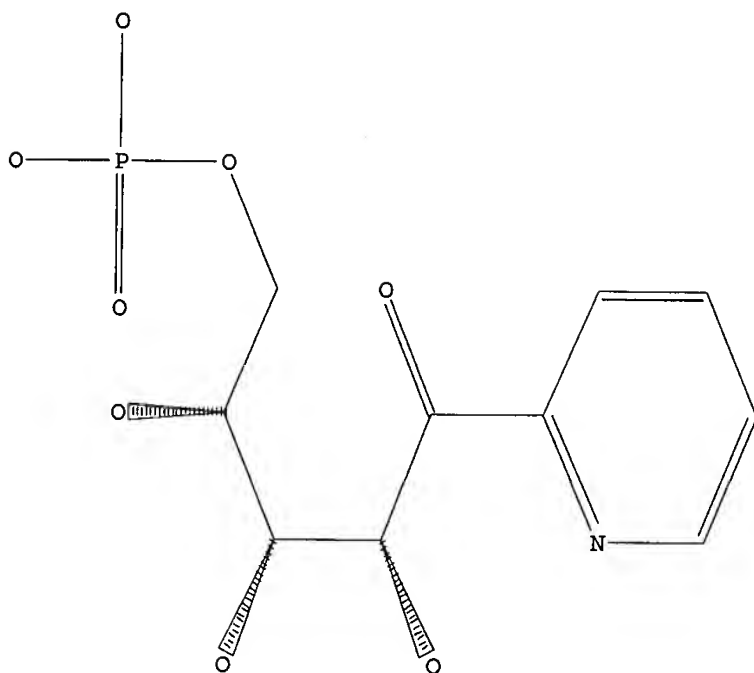
100.0% PROCESSED 1 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L3 0 SEA EXA FUL L1

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L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sam exact
SAMPLE SEARCH INITIATED 15:19:14 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 0 TO 0
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA EXA SAM L1

=> s l1 exact full
FULL SEARCH INITIATED 15:19:26 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L3 0 SEA EXA FUL L1